US Cyber Range Website

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CS 4264 - Multimedia, Hypertext, and Information Access - Edward A. Fox

Virginia Tech, Blacksburg, VA 24061
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In this presentation, we will discuss

- Recap
- What’s New
- Progress
- Challenges
- Timeline and Milestones
- OKRs
Recap

• Building upon last semester’s implementation
• US Cyber Range Site
• WordPress
• Responsive Design
Materials Given

- Figma design created by FourDesign
  - all images, SVGs, animations, etc. needed.
- Website through WordPress
Approach, Plans, Timeline / Milestones

Primary Approach:

- Elementor Plugin through the WordPress Interface
- Set up quick testing for phone and computer
- Scrum-like approach
Approach, Plan, Timeline / Milestones

February
- Environment setup
- Completed Tutorials

March
- Implemented in Angular
- Made new WordPress Site

April/May
- Client Feedback
- Final additions + revisions for responsiveness
What’s New?

- Deployed website on cscapstone.com
- Added more pages
- Used WordPress Elementor Plugin
- Fixed mobile and tablet views
What’s New?

- Adding appropriate SVG files
- Added Logo and an animation to the home screen
- Fixed Header + formatting
- Added image gallery for testimonials
Preview of Some New Pages

THE CYBER RANGE FOR EDUCATORS
Our scalable, cloud-hosted infrastructure provides your students with virtual environments for realistic, hands-on cybersecurity labs and exercises

Home Page
Preview of Some New Pages

About Page
Preview of Some New Pages
Teams Page
Challenges

- Text size and spacing
- US Cyber Range client pulling out
- The exact expectations of the website was unclear
- Deciding what technology to use
OKRs

1. Get over 90% overall score from Jeff

2. Maintain consistent relationship with client and group
   - Weekly Meeting with client
   - Weekly group meeting
## OKRs

2. **Commented Code Base**

WEBSITE CYBER RANGE US SPRING 2022

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OKRs

3. Complete making all of the webpages responsive
   WEBSITECYBERBANGEUS SPRING 2022
   
   a. Complete making all pages have responsive design for screens sized 200px to 2560px
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   b. Test / Review the site with multiple devices - mobile, tablet, desktop, etc.
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4. Make 1/2 the pages responsive for mobile
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5. Make 1/2 the pages responsive for large screens (> 1920x1080)
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Client and Acknowledgements

Jeff Joiner

Dr. Fox